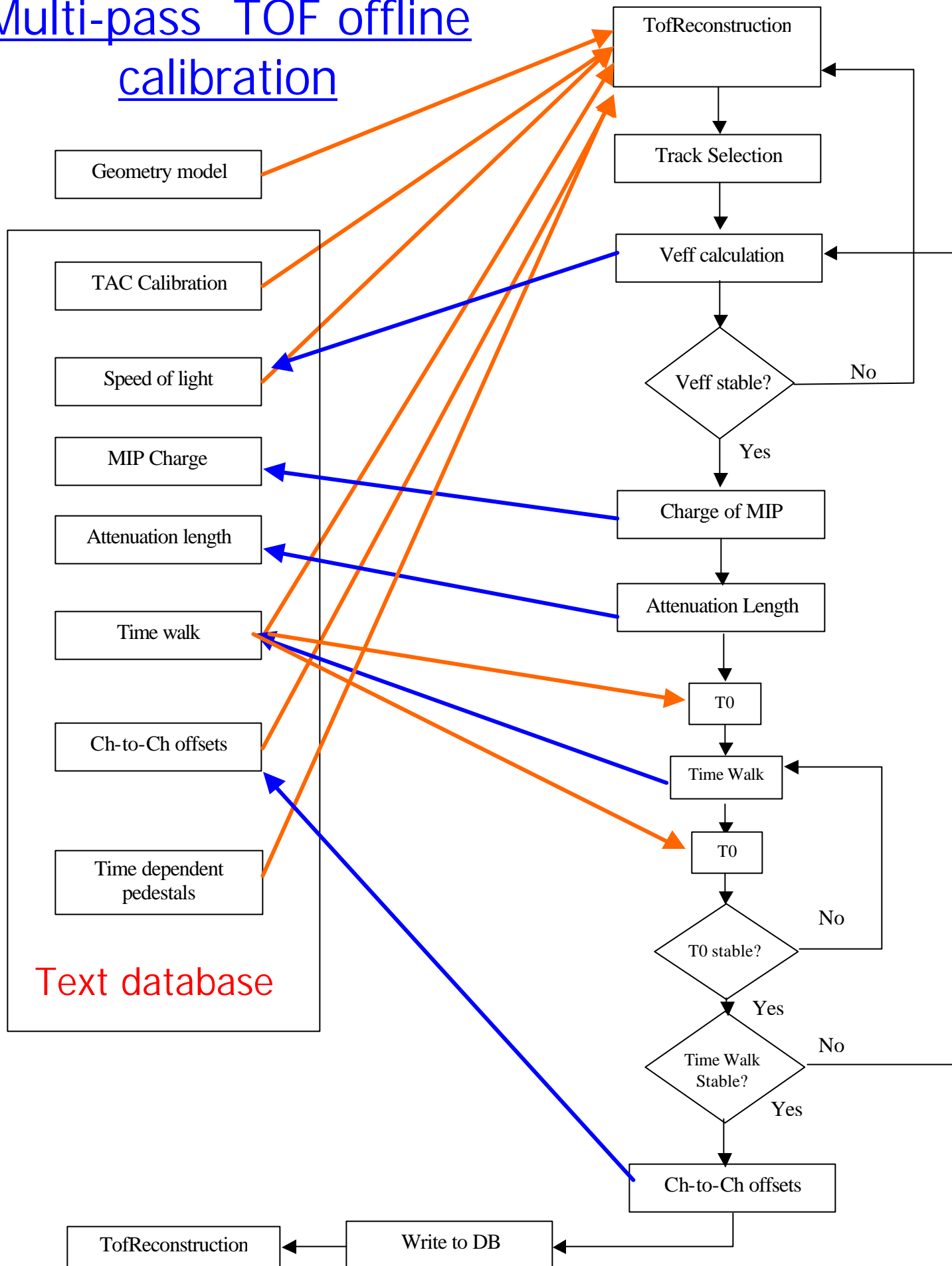


# Multi-pass TOF offline calibration



# Calibration Validation

## Benchmarks:

- ❑ Time difference between **corrected TOF** (raw TDC time after applying calibrations) and **predicted TOF** for several particle samples. (Optional calibration method)
- ❑ Mass distribution plot from TOF measurement.

# Plans

- ❑ Generic samples ✓
- ❑ Particle samples ( $K_s, \lambda, \dots$ )
- ❑ In parallel:
  - Full standalone analysis (root+n-tuple)  
**Goal:** compare possible algorithms and produce sensible numbers
  - Analysis automation (integration offline code)  
**Goal:** Reproduce standalone analysis results.